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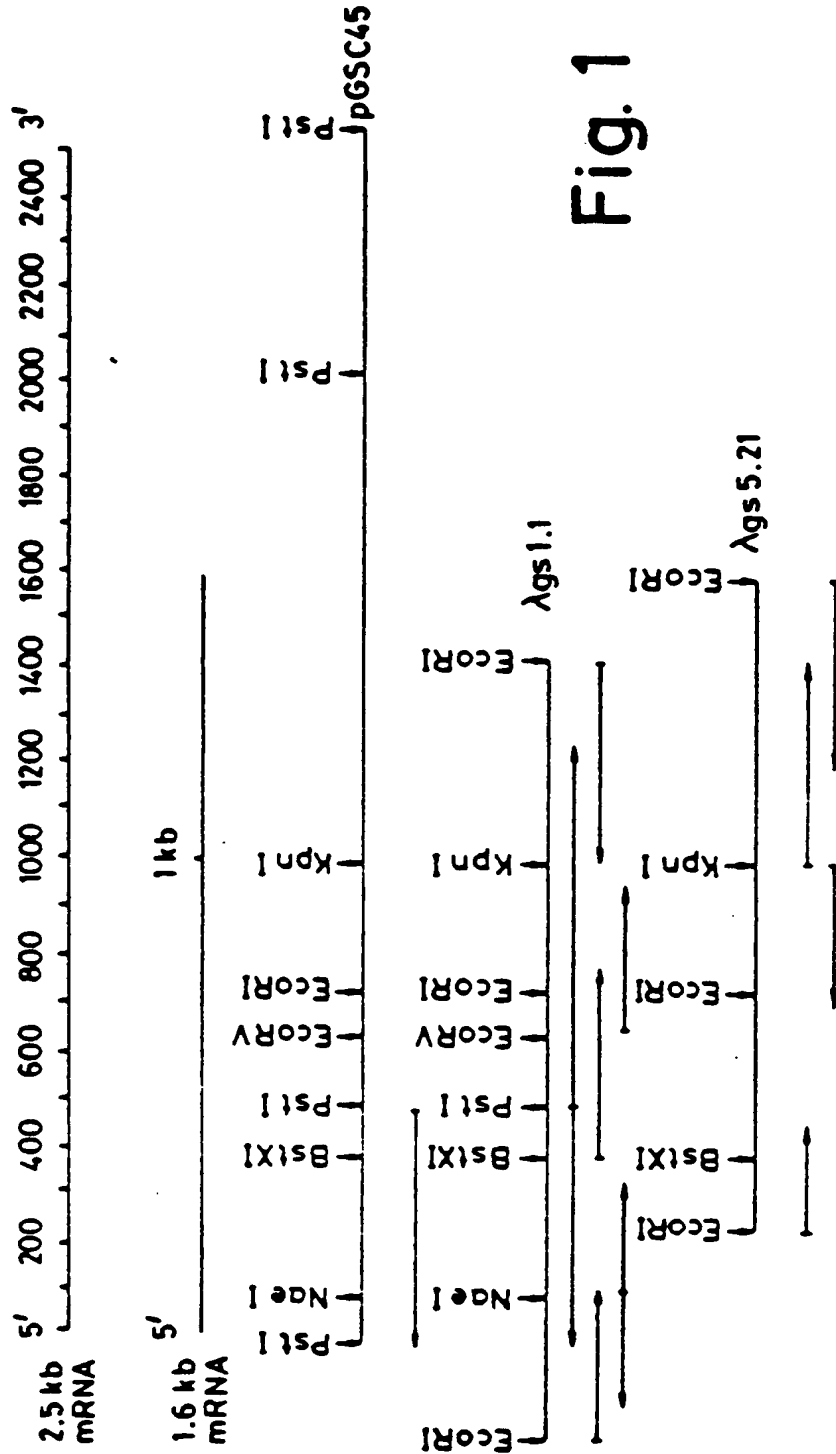


Fig. 1

Fig. 2b

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a: 380 390 400 410 420 430 440
GACATGATCTCAGCCCTGTTGCCATGTTTCGGGACCCCTTCGCGAGAGATCCCAACAAGCTGTTCTGTGAA
b: D M Y L S P V A M F R D P P R R D P N K L V P C E
c: M Y L V P a A M F R D P P k R D P N X L V P C E
d: CB XII-C CB VI-C 75 80 85 90 95

a: 450 460 470 480 490 500 510 520
GTTTCAAGTACAACCGGAAGCCCTGCAGAGACCAATTAAAGGCACTCGTGTAAACGGATAATGGACATGGTGAGC
b: V F K Y N R K P A E T N L R H S C K R I M D M V S
c: V F X Y N k r P A E T N L L X X t C M B M V S
d: 100 105 110 115 120 CB XIV CB XII-C

a: 530 540 550 560 570 580 590
AACCAGCACCCCTGTTTGGAAATGGAACAGGAGTATACCTCTGATGGGAACAGATGGGCACCCCTTTGGTGGCCT
b: N Q H P W F G M E Q E Y T L M G T D G H P P G W P
c: N Q X P P G G M E Q E Y T L M G T r G r P P G X P
d: 125 130 135 140 145 CB XII-A CB VI-D

a: 600 610 620 630 640 650 660 670
TCCAATGGCTTTCCTGGGCCCAAGGTCCGTATTACTGTGTGGGCGCAGACAAAGCCTATGGCAGGATATC
b: S N G F P G P Q G P Y Y C G V G A D K A Y G R D I
c: S N C F X G P Q a 150 155 160 165 170

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Fig. 2c

680	690	700	710	720	730	740	
a: GTGGAGGCTCACTACCGCGCTGCTGTATGCTGGGTCAAGATTACAGGAACAAATGCTGAGGTCAATGCCTGCC							
b: V E A H Y R A C L Y A G V K I T G T N A E V M P A							
c: A C L Y A G i K g G T N X X V M P A							
d: T VII-G				- CB VI-D		CB XI-H	
175	180	185	190	195			
750	760	770	780	790	800	810	820
a: CAGTGGGAATTCCAAATAGGACCCCTGTGAAGGAATCCGCATGGGAGATCATCTCTGGGTGCCCGTTTCATCTTG							
b: Q W E F Q I G P C E G I R M G D H L W V A R P I L							
c: Q W E F Q I G P C E G I d M							
200	205	210	215	220			
830	840	850	860	870	880	890	
a: CATCGAGTATGTGAAGACTTTGGGGTAATAGCAACCTTTGACCCCAAGCCCATCTCTGGGAACTGGAATGGTGCA							
b: H R V C E D F G V I A T P D P K P I P G N W N G A							
225	230	235	240	245			
900	910	920	930	940	950	960	970
a: GGCTGCCATACCAACTTTAGCACCAAGGCCATGGCGGAGGAGATGGTCTGAAGCACATCGAGGAGGCCATCGAG							
b: G C H T N F S T K A M R E E N G L K H I E E A I E							
c: M X E E N G L K Y I E E A I E							
d: CB III-C							
250	255	260	265	270			

Fig. 2d

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980 990 1000 1010 1020 1030 1040
 a: AAATAAGCAAGCGGACCGGTACCAACATTCGAGCCTACGATCCCAAGGGGGCCCTGGACAATGCCCGTGGTCTG
 b: K L S K R H R Y H I R A Y D P K G G L D N A R G L
 c: X L St K s n i n y q A Y B P K
 d: T IX-B-2 275 280 285 290 295
 T IX-B-1

1050 1060 1070 1080 1090 1100 1110 1120
 a: ACTGGGTTCCACGAACGTCCCAACATCAACGACTTTTCTGCTGGTGTGCGCAATCGCAGTCCAGCATCCGCATT
 b: T G F H E T S N I N D F S A G V A N R S A S I R I
 c: T S N I N y q g A S I R I
 d: (-CB III-C) 300 305 310 315 320
 T IX-C-1

1130 1140 1150 1160 1170 1180 1190
 a: CCCCCGACTGTCCGGCCAGGAGAAGGTTACTTTGAAGACCGCGCCCTCTGCCAATTGTGACCCCTTTGCA
 b: P R T V G Q E K K G Y P E D R R P S A N C D P F A
 c: P R
 d: T IX-E 325 330 335 340 345

1200 1210 1220 1230 1240 1250 1260 1270
 a: GTGACAGAAGCCCATCGTCCGCACATGCCCTTCTCAATGAGACTGGCGACGAGCCCTTCCAATACAAAATAATTA
 b: V T E A I V R T C L L N E T G D E P F Q Y K N ***
 c: T C L L N Z T G B Z P P Q Y K
 d: T VI-K 350 355 360 365 370 375

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1280 1290 1300 1310 1320 1330 1340
a: GACTTTCAGTGATCTTTCAGCCCTTTCCTAGTTTCATCCACCCCGCCCGCTGTCTCATTTGTAACCTCAAAGGATGG

1350 1360 1370 1380 1390 1400 1410 1420
a: AATATCAAGGTCCTTTTATTCTCGTGCCCAAGTTAACTCTGCTTTTATTGGTCAGAAATAGAGGAGTCAAGTTCTT
e: AATATCAAGGTCCTTTTATTCTCGTGCCCAAAAAAATAAAAAAATAAAAAAATAAAAAA

Fig. 2e

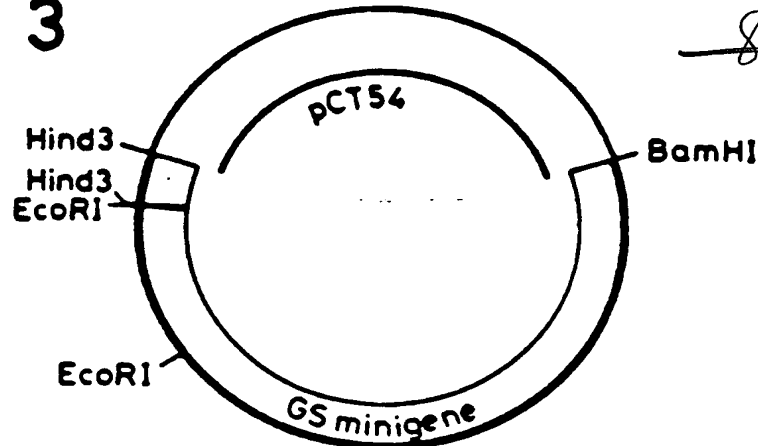
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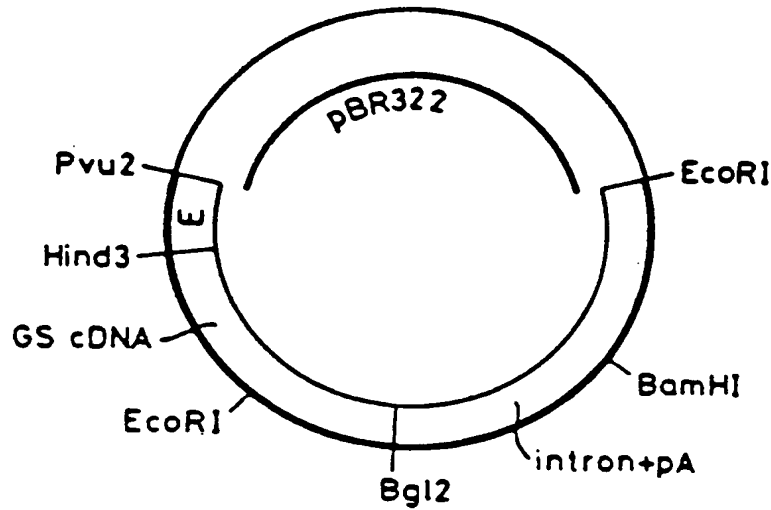
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Fig. 3

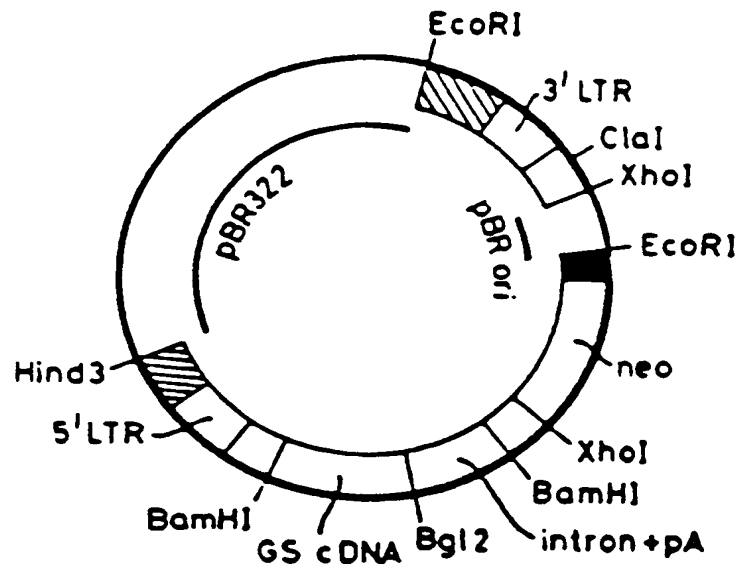
a) pSVLGS.1



b) pSV2.GS



c) pZIPGS



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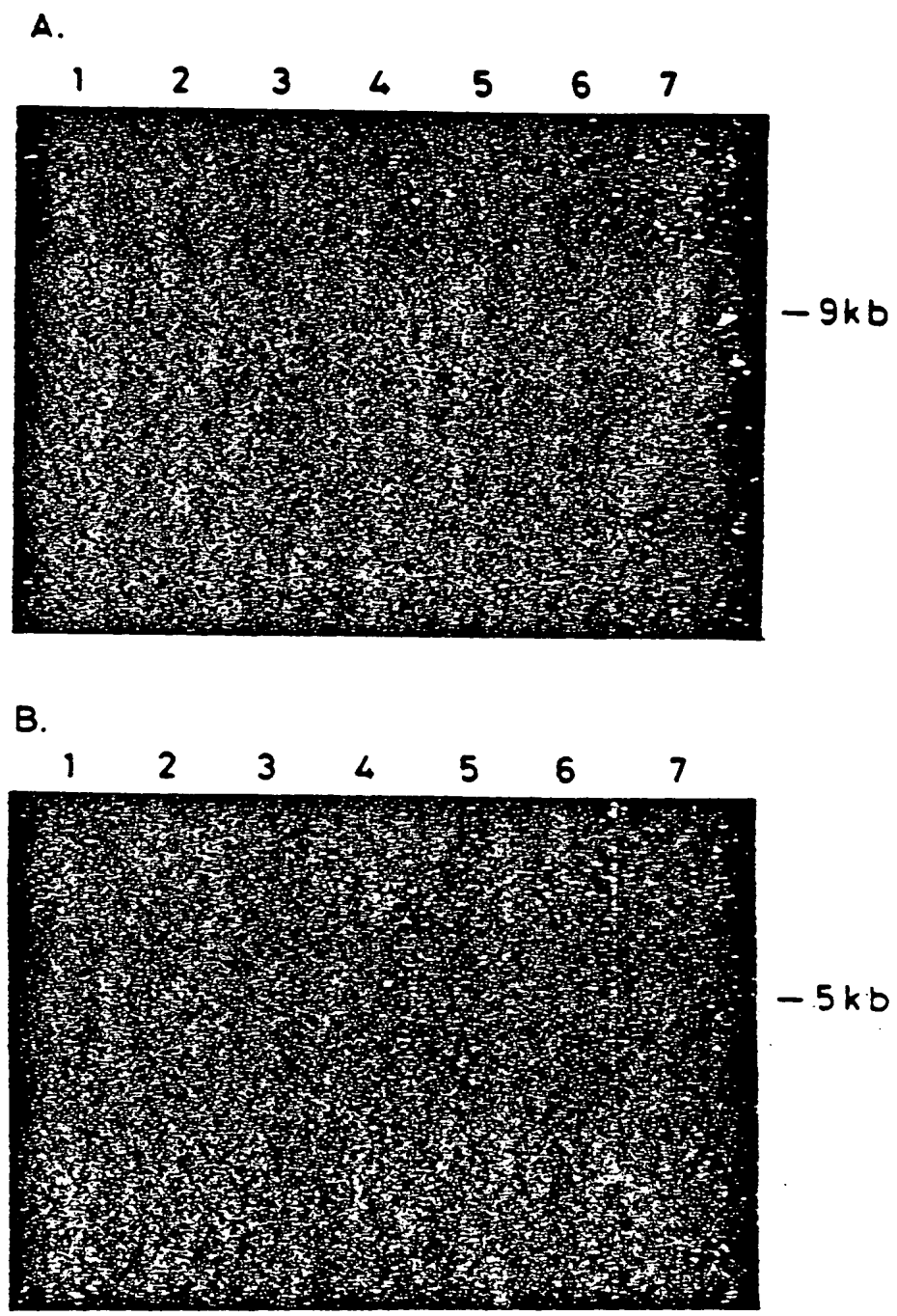


Fig. 4

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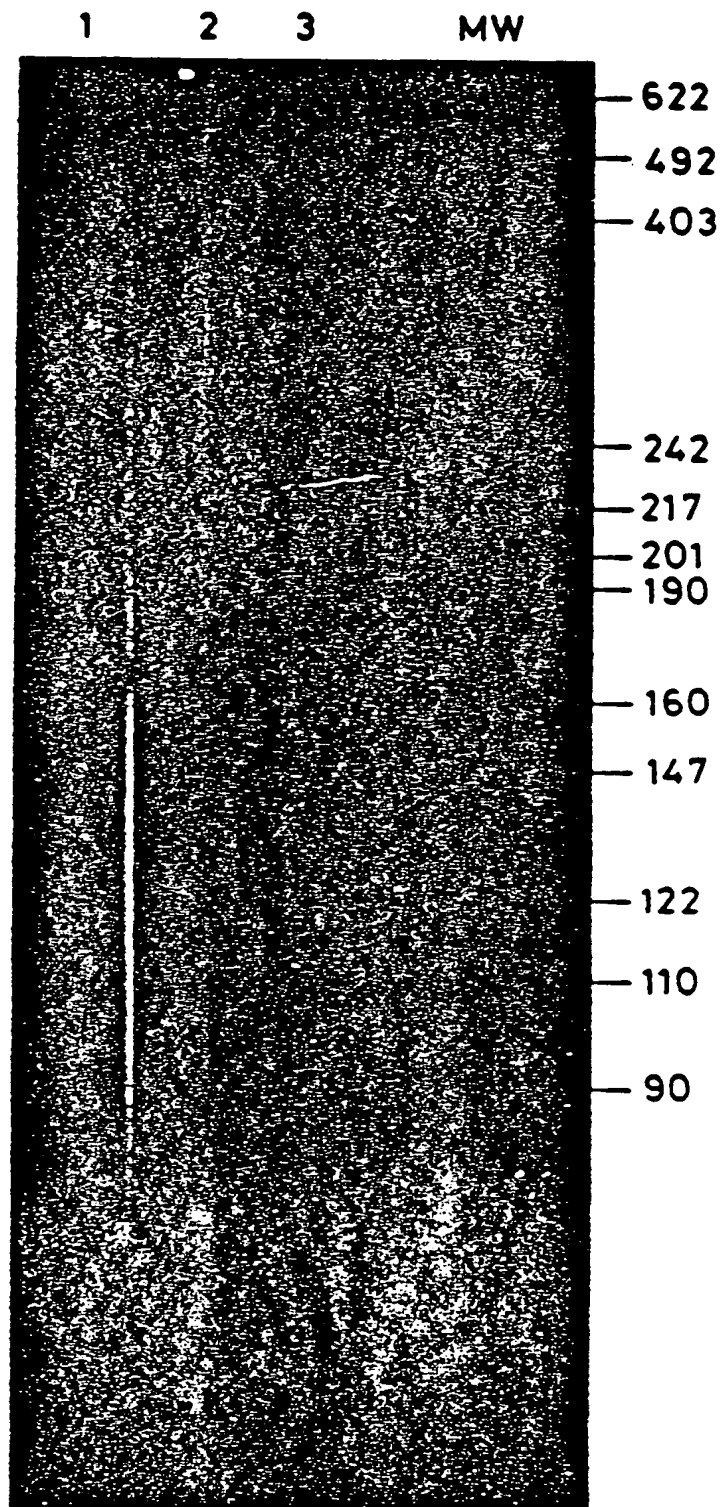


Fig. 5